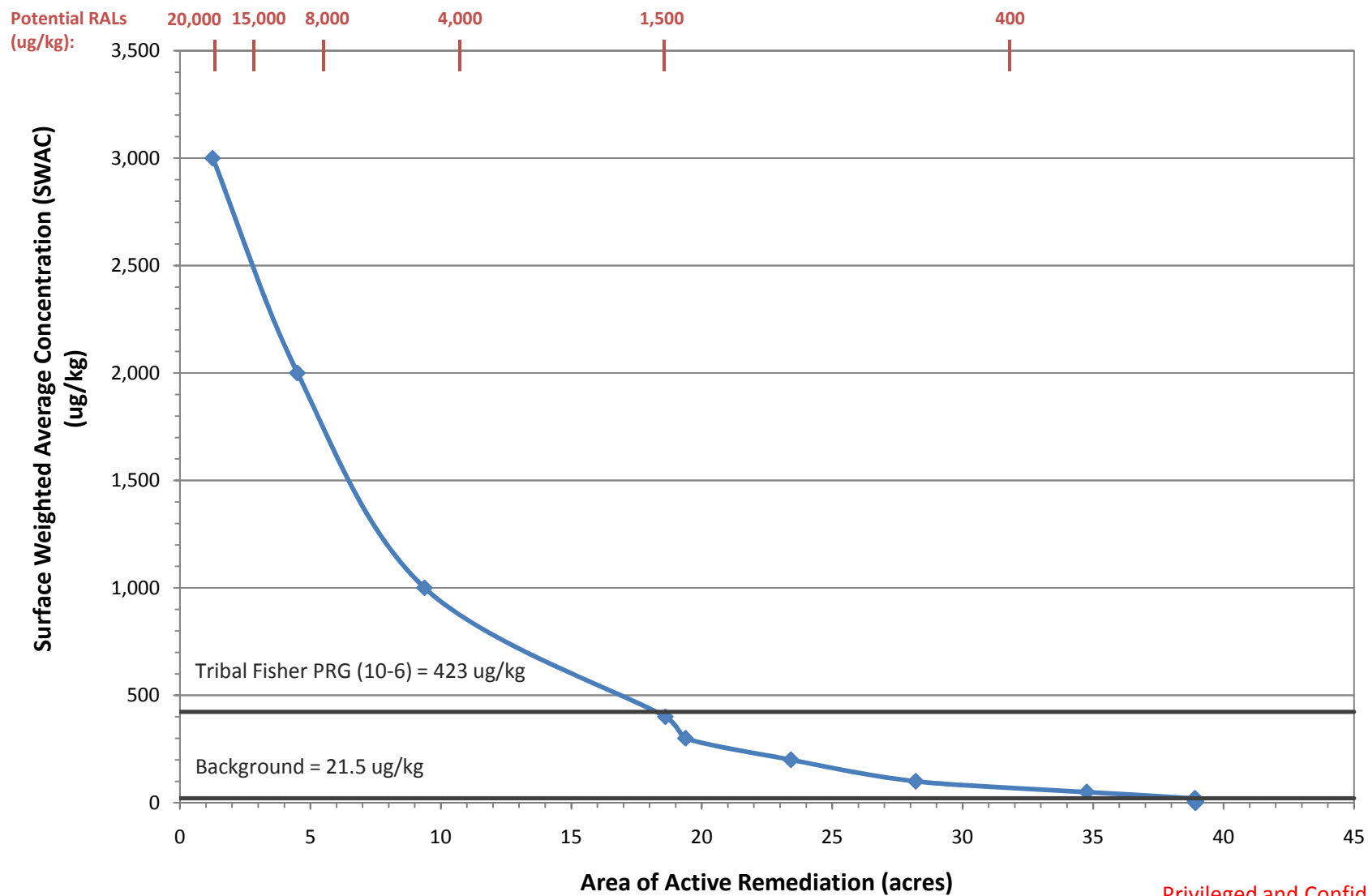


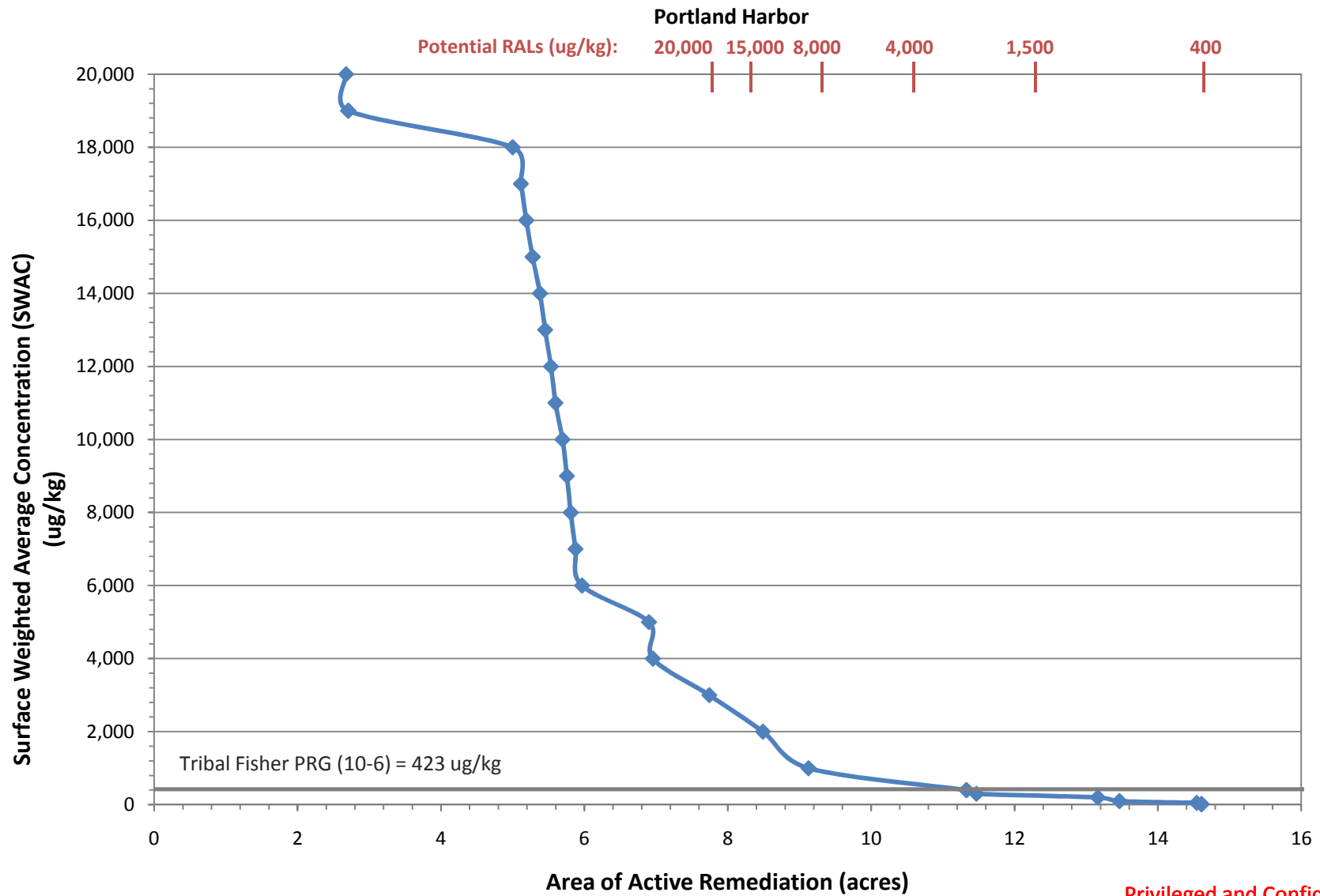
Example of Incremental Reduction and Minimal Change in
Benzo(a)pyrene Equivalent (BaP Eq) Concentrations
RM 4.3 to 4.8 East

Portland Harbor

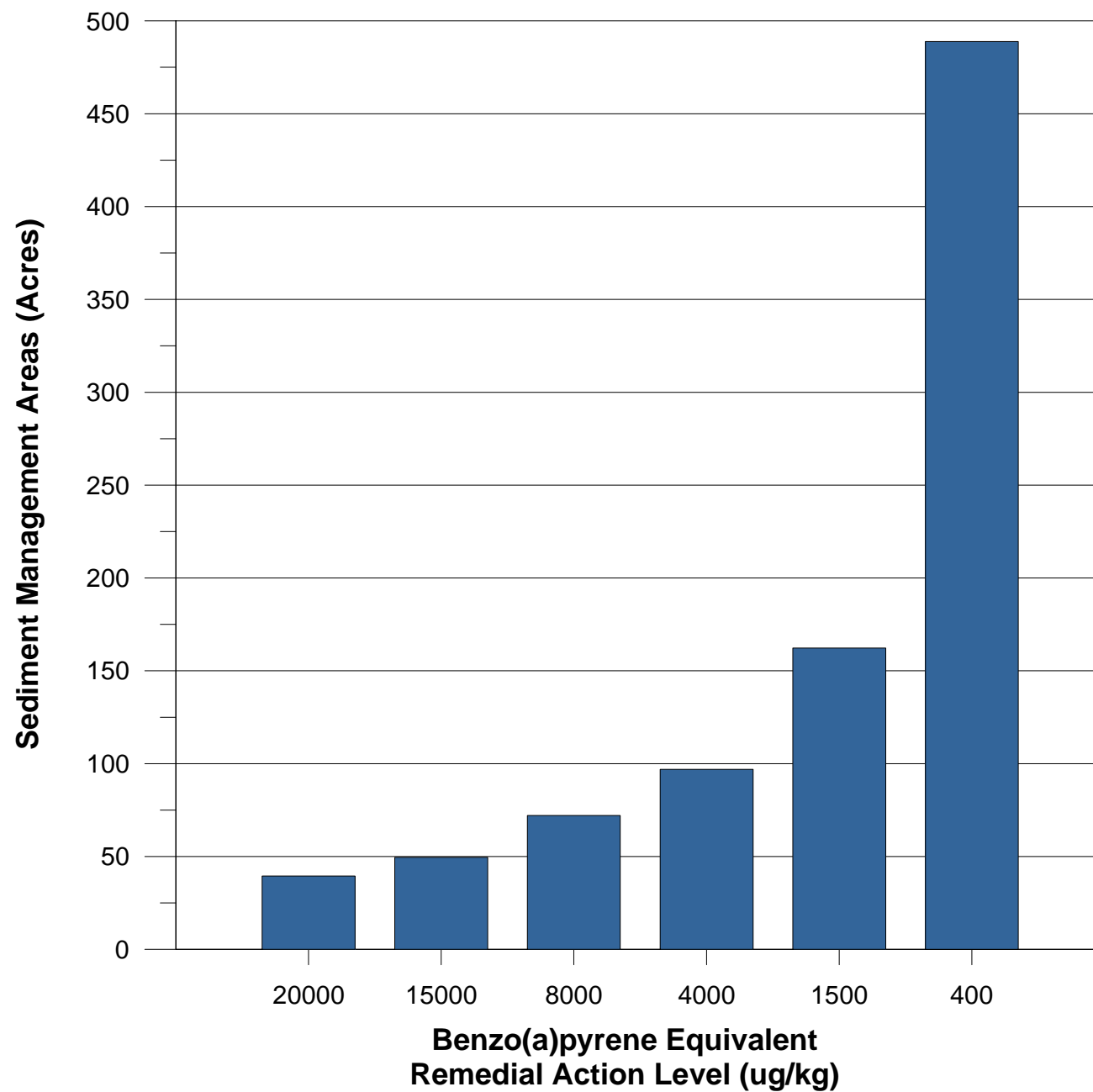


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Example of Incremental Reduction and Minimal Change in
Benzo(a)pyrene Equivalent (BaP Eq) Concentrations
River Mile 6.0 to 6.5 West

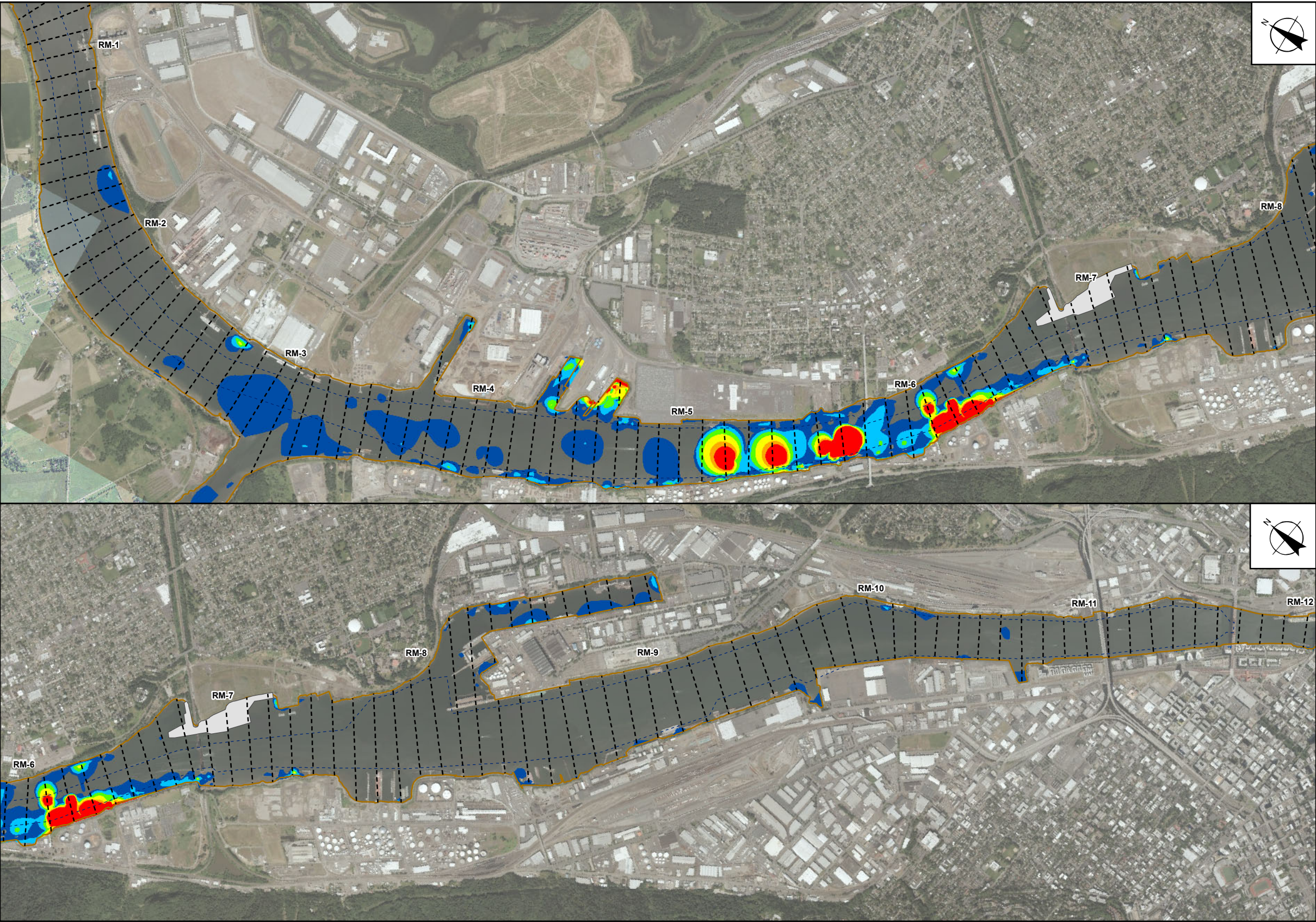


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**Sediment Management Areas
within the Portland Harbor
for each potential
Benzo(a)pyrene Equivalent
Remedial Action Level**

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**Potential Areas of Active Remediation
Benzo(a)pyrene Equivalent
Surface Sediment**

Portland Harbor

River Mile 1.0 to 12.0

Willamette River
Portland, Oregon

LEGEND

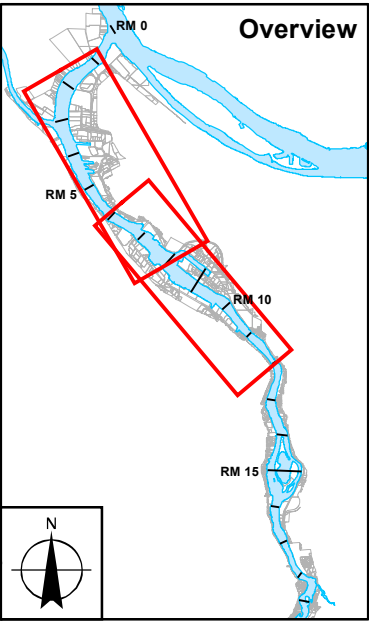
Potential Benzo(a)pyrene Equivalent RALs

- 400 ug/kg
- 1,500 ug/kg
- 4,000 ug/kg
- 8,000 ug/kg
- 15,000 ug/kg
- 20,000 ug/kg

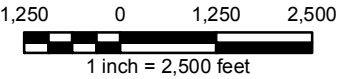
All Other Data

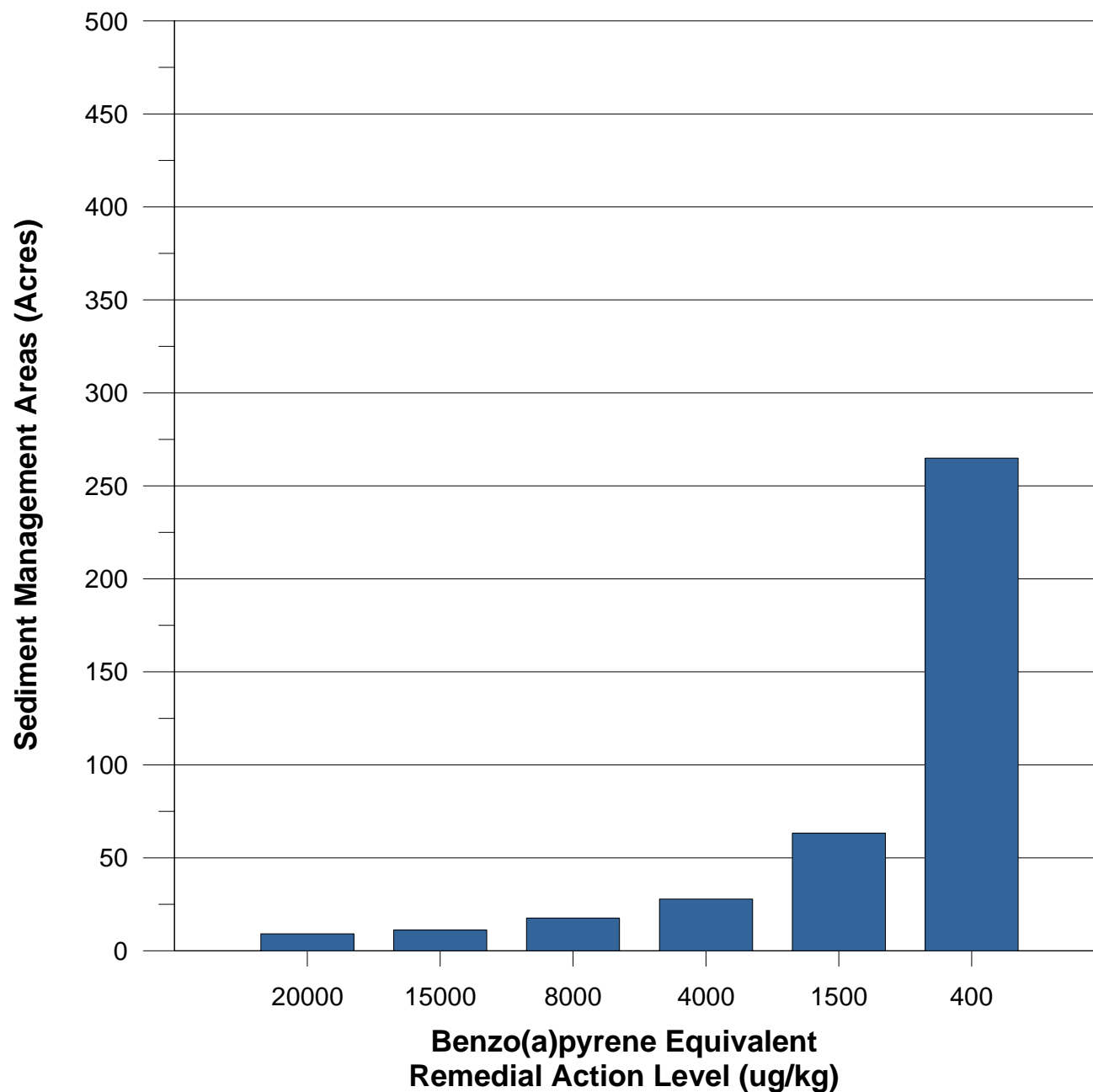
- COE Navigation Channel
- 1/10th River Mile (RM)
- Sediment Cap Boundary

DRAFT



MAP NOTES:
Projection: Oregon State Plane North
Datum: North American Datum of 1983
Date: July 26, 2011
1. Aerial photo taken by METRO in 2010

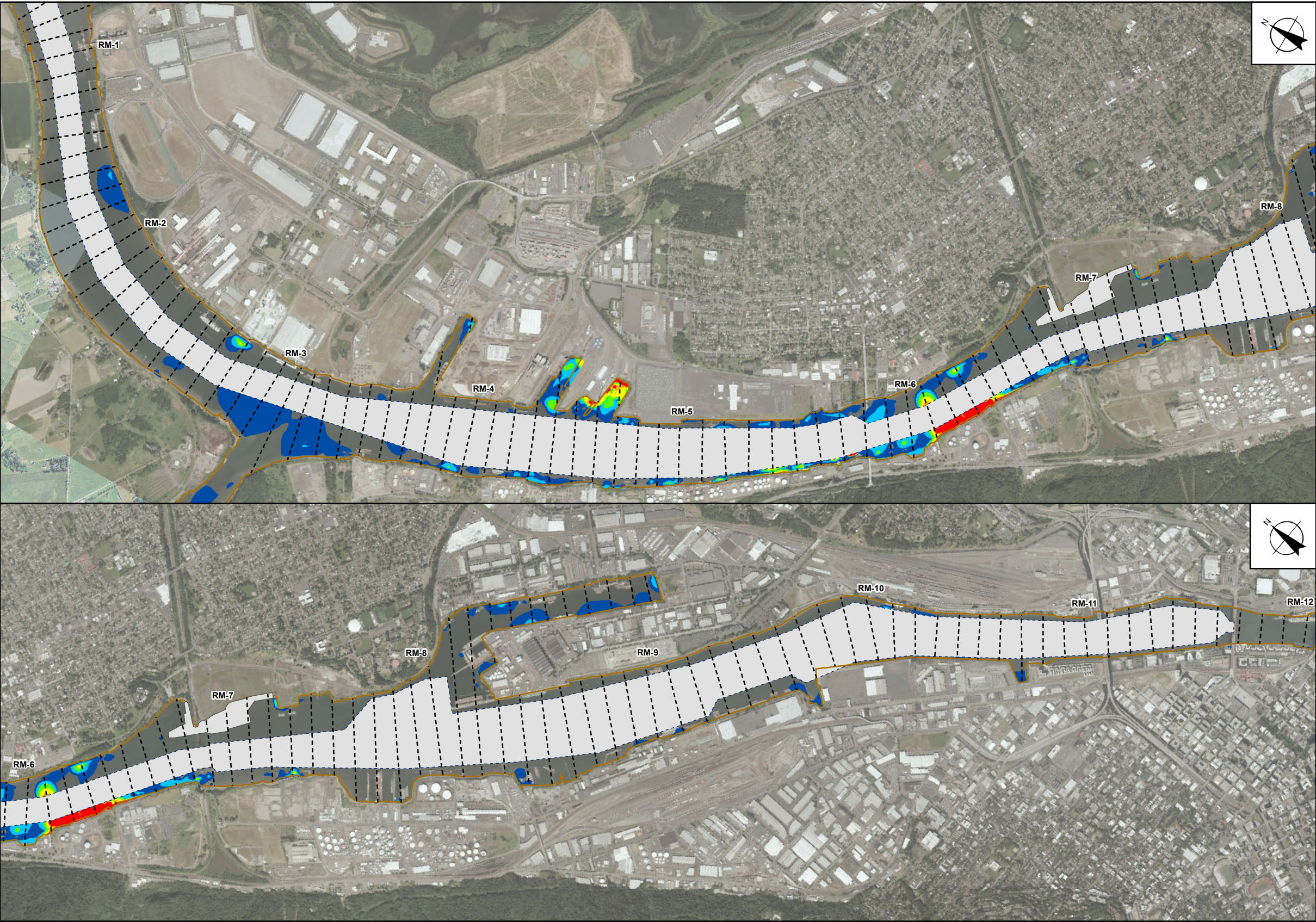




**Sediment Management Areas
within the Portland Harbor*
for each potential
Benzo(a)pyrene Equivalent
Remedial Action Level**

*Areas within the federal
navigation channel are
excluded from this analysis.

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**Potential Areas of Active Remediation
Benzo(a)pyrene Equivalent
Surface Sediment**

Portland Harbor

River Mile 1.0 to 12.0

Willamette River
Portland, Oregon

LEGEND

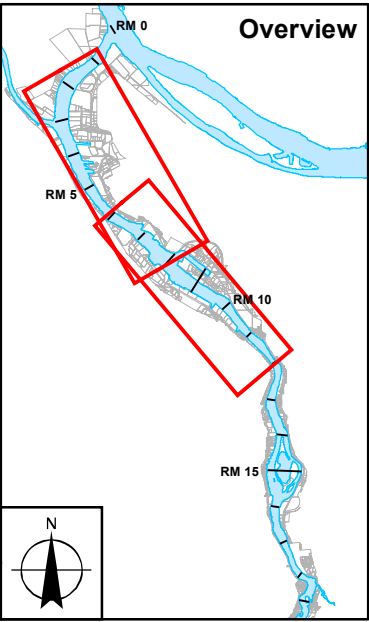
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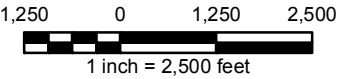
All Other Data

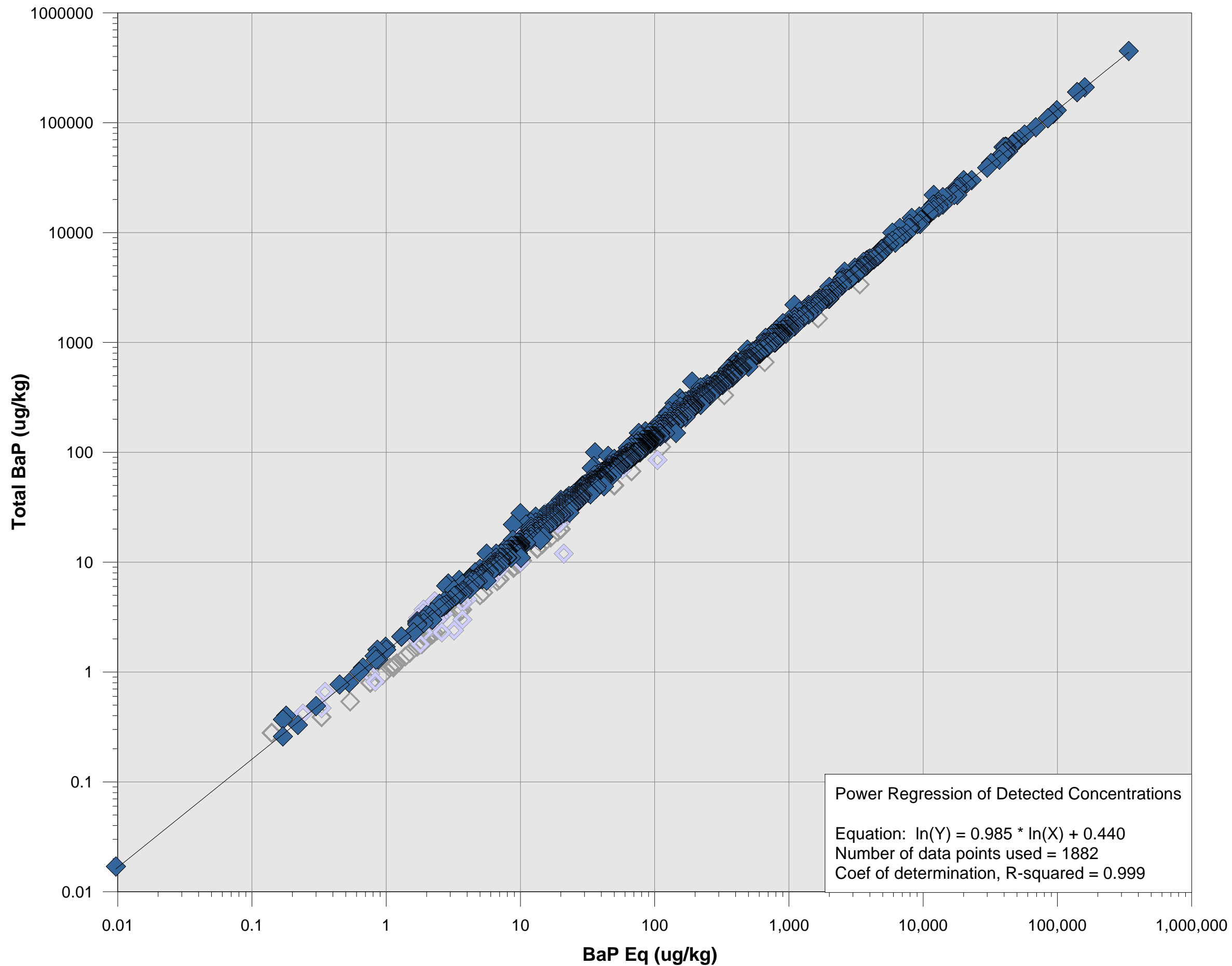
- COE Navigation Channel
- 1/10th River Mile (RM)
- Sediment Cap Boundary

DRAFT



MAP NOTES:
Projection: Oregon State Plane North
Datum: North American Datum of 1983
Date: July 26, 2011
1. Aerial photo taken by METRO in 2010





Benzo(a)pyrene (BaP) vs. BaP Equivalent (BaP Eq) in Surface Sediment

Portland Harbor